

Title (en)

METHOD OF CONTROLLING ELECTRONIC PARKING BRAKE OF VEHICLE HAVING DUAL CLUTCH TRANSMISSION

Title (de)

VERFAHREN ZUR STEUERUNG EINER ELEKTRONISCHEN FESTSTELLBREMSE EINES FAHRZEUGS MIT DOPPELKUPPLUNGSGETRIEBE

Title (fr)

PROCÉDÉ DE COMMANDE DE FREIN DE STATIONNEMENT À COMMANDE ÉLECTRONIQUE D'UN VÉHICULE AYANT UNE TRANSMISSION À DOUBLE EMBRAYAGE

Publication

EP 3174768 A1 20170607 (EN)

Application

EP 13779887 A 20131023

Priority

- KR 20120117794 A 20121023
- EP 2013072184 W 20131023

Abstract (en)

[origin: WO2014064158A1] Disclosed is a method of controlling an electronic parking brake of a vehicle having a dual clutch transmission. The method includes: identifying a slope of an area in which the vehicle is located in order to determine whether the identified slope exceeds a predetermined slope value; determining whether both of two clutches are opened in a safe mode when the identified slope exceeds the predetermined slope value; determining whether the vehicle moves upward in a front direction when both of the two clutches are opened; and operating the electronic parking brake when the vehicle moves upward in the front direction. By the method, when the vehicle moves upward in the front direction on the inclined road, the electronic parking brake is automatically operated to prevent the vehicle from slipping in the rear direction. Therefore, the method can effectively improve the safety of a driver and a vehicle even when the driver is inept in pedal operation.

IPC 8 full level

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CPC (source: CN EP KR US)

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See references of WO 2014064158A1

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